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APPLICATION NO.	FILING DATE		FIRST NAMED INVENT	OR .	ATTORNEY	Y DOCKET NO.	CONFIRMATION NO.
10/517,765 TITLE OF INVENTION: SU	02/03/2006 JBSTRATE TREATI	NG APPARATUS AND	Takashi Ozaki METHOD FOR MAN	JFACTURING SEMI		40509 FOR DEVICE	6791
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DU	E PREV. PAID ISSUE	E FEE TO	TAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	. \$0		\$1810	04/28/2010
EXAMINE	R	ART UNIT	CLASS-SUBCLASS				
MCCALL SHEPARE	D, SONYA D	2813	438-778000	·			
1. Change of correspondence CFR 1.363). Change of corresponde Address form PTO/SB/12 "Fee Address" indicati PTO/SB/47; Rev 03-02 of Number is required.	ence address (or Chan 2) attached. on (or "Fee Address"	(1) the names of up or agents OR, altern (2) the name of a sin registered attorney of	single firm (having as a member a cy or agent) and the names of up to at attorneys or agents. If no name is				
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4a. The following fee(s) are s XI Issue Fee XI Publication Fee (No sr XI Advance Order - # of	nall entity discount pe		D. Payment of Fee(s): (P A check is enclosed Payment by credit The Director is here overpayment, to De	l. card. Form PTO-2038	is attached	l.	shown above) ficiency, or credit any nextra copy of this form).
5. Change in Entity Status (a. Applicant claims SN	MALL ENTITY status	See 37 CFR 1.27.	☐ b. Applicant is no l	onger claiming SMAI	LL ENTITY	status. See 37 CF	FR 1.27(g)(2).
NOTE: The Issue Fee and Puinterest as shown by the reco	iblication Fee (if required State	ired) will not be accepted es Patent and Trademark	d from anyone other that Office.	n the applicant; a regi	stered attorn	ney or agent; or th	
Authorized Signature	mull l	1. Hum	27/33	Daile /16/APD	ŁiA)Diją	5,000200790 ⁹¹⁶	2340 10517765
		Kratz, Jr.		Registrations	<u>'</u> '	1510.00 DA ,363300 DA 9.00 DA	
This collection of information an application. Confidentialis submitting the completed applies form and/or suggestions Box 1450, Alexandria, Virginia 22313-1	for reducing this burd nia 22313-1450. DO	FR 1.311. The information J.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to the NOT SEND FEES OR (on is required to obtain on the control of the cont	or retain a benefit by the estimated to take 12 redividual case. Any conficer, U.S. Patent and TO THIS ADDRESS	the public wininutes to comments on Trademark S. SEND TO	hich is to file (and complete, including the amount of tind Office, U.S. Depa D: Commissioner f	by the USPTO to process g gathering, preparing, and ne you require to complete urtment of Commerce, P.O. for Patents, P.O. Box 1450

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PART B - FEE(S) TRANSMITTAL Complete and send this form together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 APR 1 5 2010 Alexandria, Virginia 22313-1450 or Fax (571)-273-2885 INSTRUCTIONS: No form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 5 should be completed where appropriate. All further transportation including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for indicated unless corrected maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 7590 01/28/2010 23850 Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. KRATZ, QUINTOS & HANSON, LLP 1420 K Street, N.W. Suite 400 WASHINGTON, DC 20005 (Depositor's name) (Signature) FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. APPLICATION NO. 10/517,765 02/03/2006 Takashi Ozaki 040509 6791 TITLE OF INVENTION: SUBSTRATE TREATING APPARATUS AND METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE **ISSUE FEE DUE PUBLICATION FEE DUE** PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE SMALL ENTITY APPLN, TYPE \$300 \$0 \$1810 04/28/2010 NO \$1510 nonprovisional **EXAMINER** ART UNIT **CLASS-SUBCLASS** MCCALL SHEPARD, SONYA D 2813 438-778000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list _l KRATZ, QUINTOS (1) the names of up to 3 registered patent attorneys ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. or agents OR, alternatively, & HANSON, LLP (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to "Fee Address" indication (or "Fee Address" Indication form 2 registered patent attorneys or agents. If no name is listed, no name will be printed. PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filling an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE Hitachi Kokusai Electric Inc. Tokyo, Japan

Please check the appropriate assignee category or categories (will	not be printed on the patent):
4a. The following fee(s) are submitted: XX Issue Fee XX Publication Fee (No small entity discount permitted) XX Advance Order - # of Copies3	 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) ☐ A check is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 01-2340 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

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Date April 15, 2010

Typed or printed pame William G. Kratz, Jr.

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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